

Applicant: Youichi GOTOH, et al.

Title: Storage Control System

Attorney Docket No. 16869K-048010

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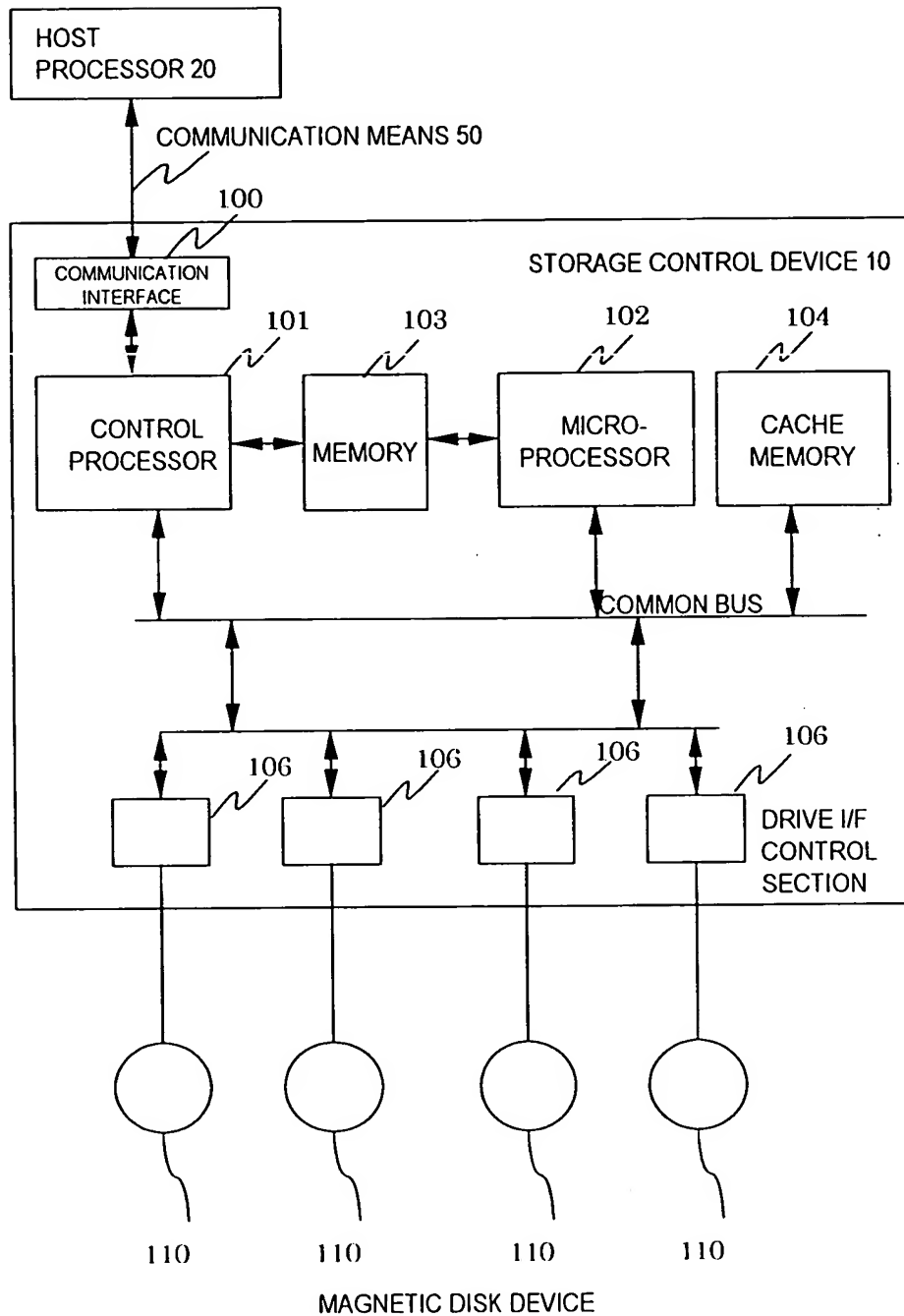


FIG. 1

RESPONSE TIME INFORMATION
MANAGEMENT TABLE

201 STORAGE DEVICE	202 RESPONSE TIME MAX. VALUE	203 AVAILABLE CAPACITY	204 STORED FILE	200
CACHE MEMORY	1ms	10GB	/tmp /data	
MAGNETIC DISK DEVICE A	50ms	100GB	ccc.tbl ddd.tbl	
MAGNETIC DISK DEVICE B	100ms	300GB	eee.dat	
MAGNETIC DISK DEVICE C	500ms	900GB	backup.dat	
MAGNETIC DISK DEVICE D	10s	110GB	fff.dat	

FIG. 2

FILE MANAGEMENT TABLE

300 FILE NAME	301
RESPONSE TIME UPPER LIMIT VALUE	302
STORAGE DEVICE	303
UPPER LIMIT VALUE SETTING INFORMATION	304

FIG. 3

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INPUT/OUTPUT REQUEST MANAGEMENT TABLE

400	
TAG NUMBER	401
RECEIVED TIME	402
PROCESS STARTING TIME	403
INPUT/OUTPUT REQUEST INFORMATION	404
RESPONSE TIME UPPER LIMIT VALUE	405
STORAGE REGION INFORMATION	406

FIG. 4

INPUT/OUTPUT REQUEST MANAGEMENT QUEUE 500

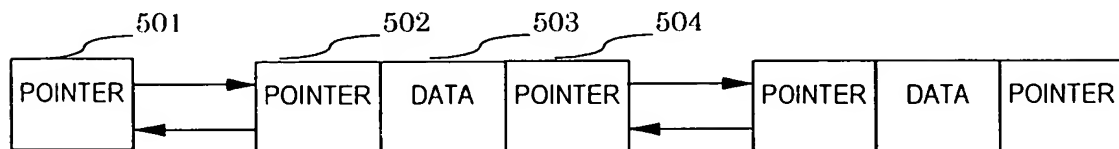


FIG. 5

FILE GENERATION REQUEST

600	
FILE NAME	601
FILE ATTRIBUTE	602
RESPONSE TIME UPPER LIMIT VALUE	603

FIG. 6

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INPUT/OUTPUT REQUEST NOTIFICATION TABLE

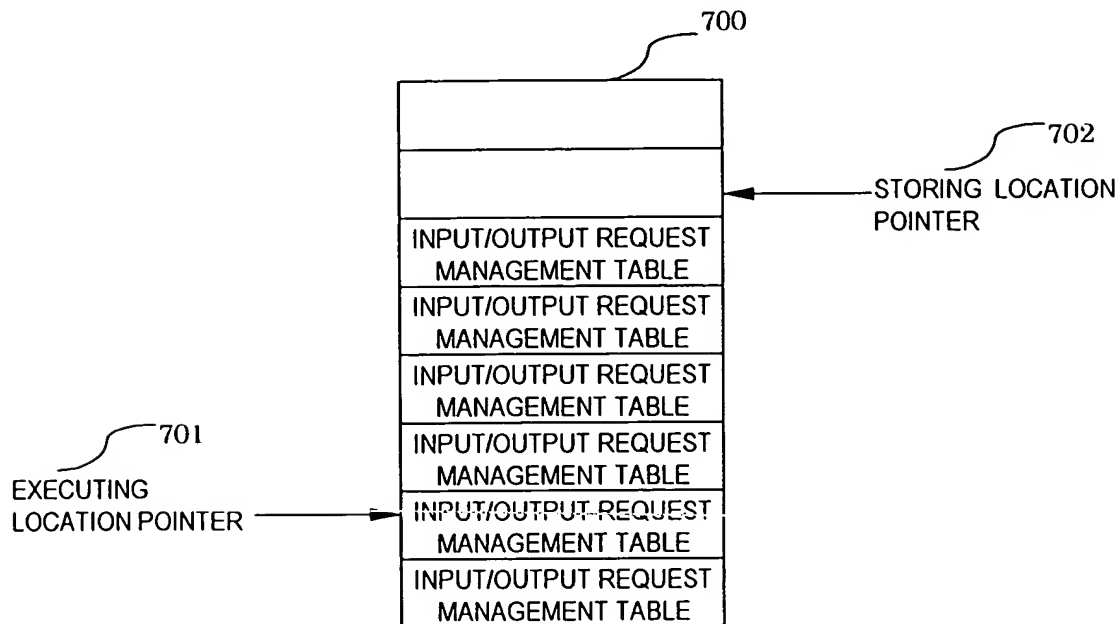


FIG. 7

DATA TRANSFER REQUEST NOTIFICATION TABLE

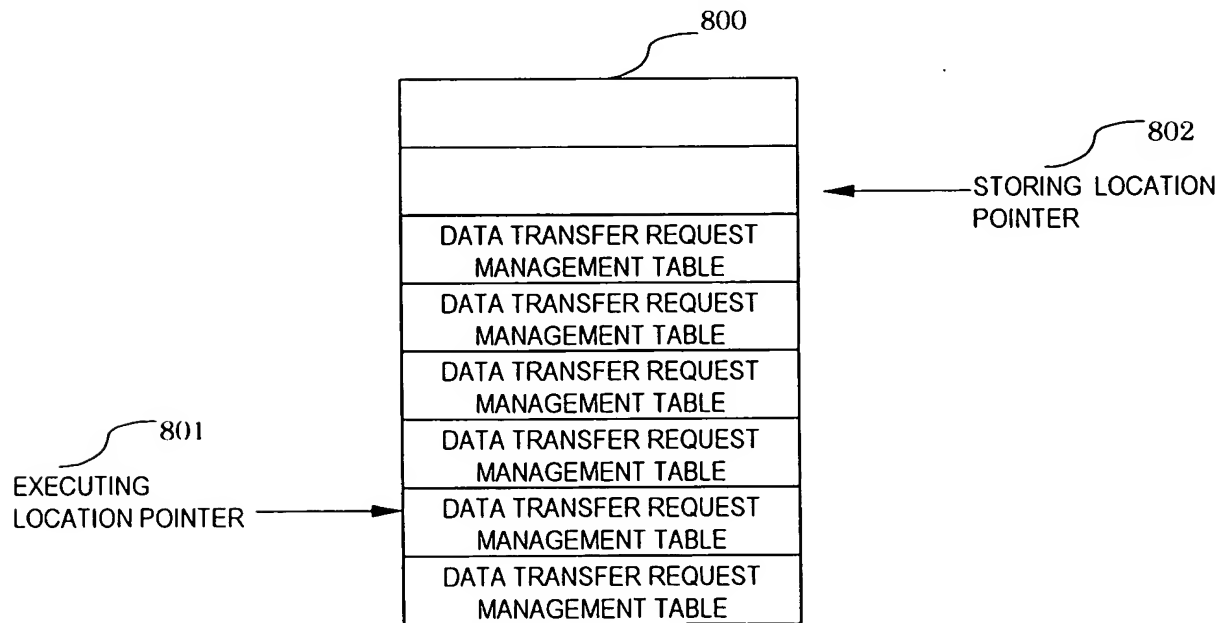


FIG. 8

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DATA TRANSFER REQUEST MANAGEMENT TABLE

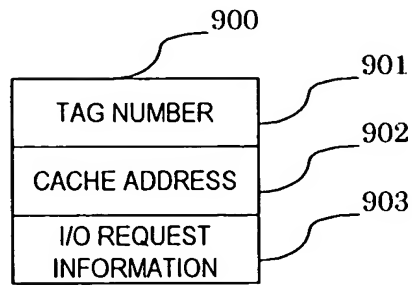
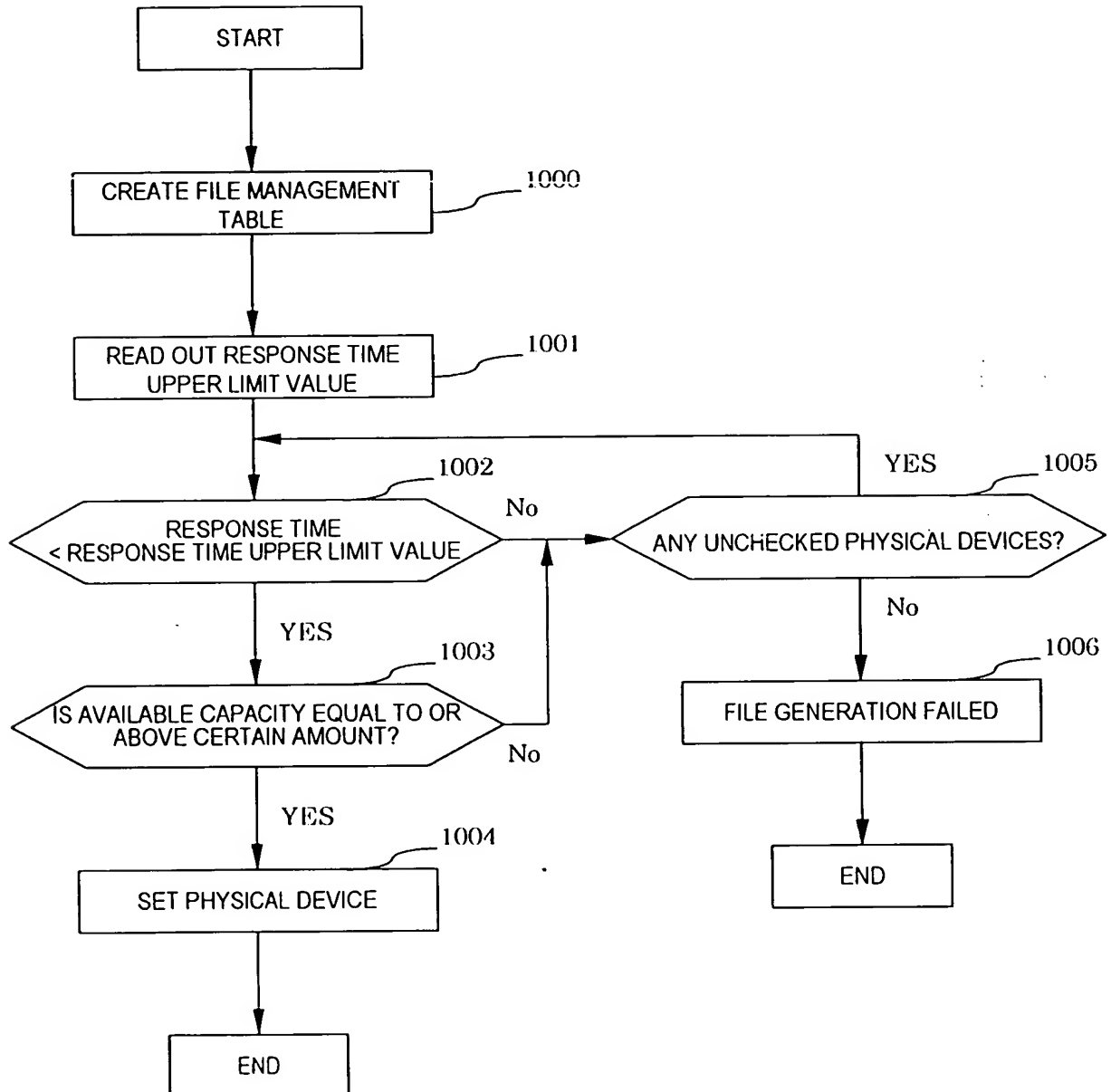


FIG. 9

FIG. 10



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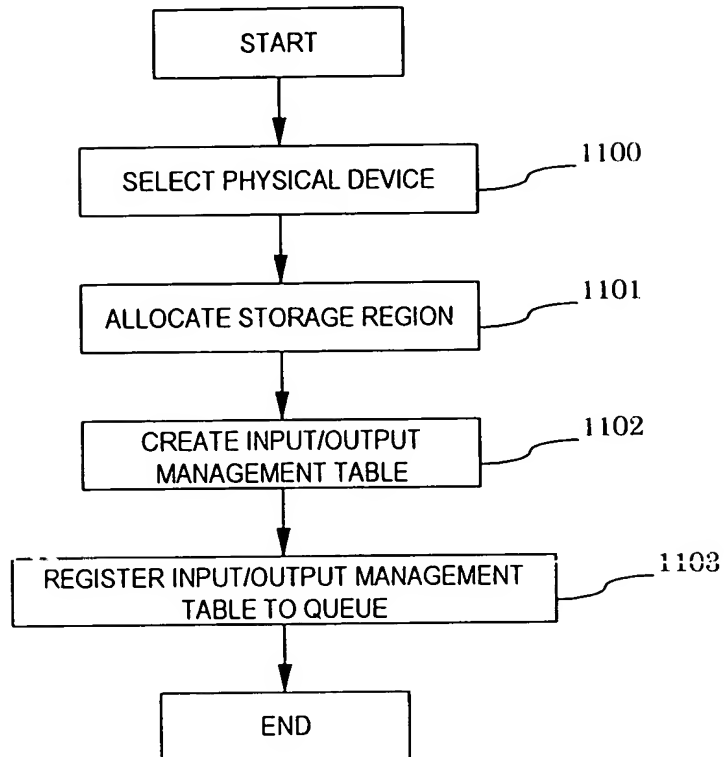


FIG. 11

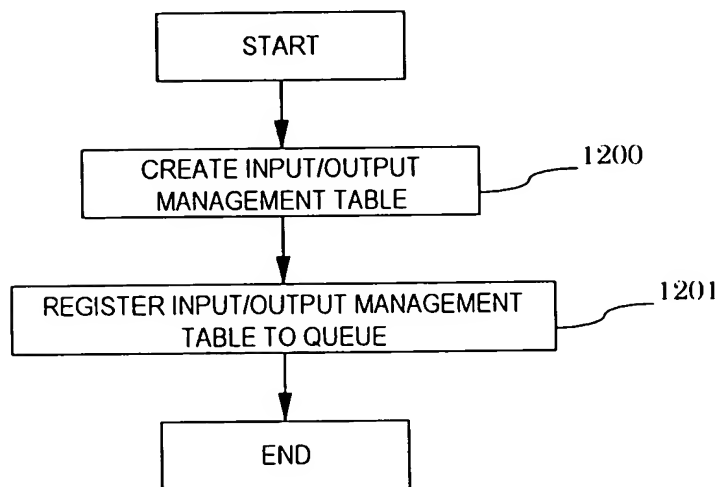
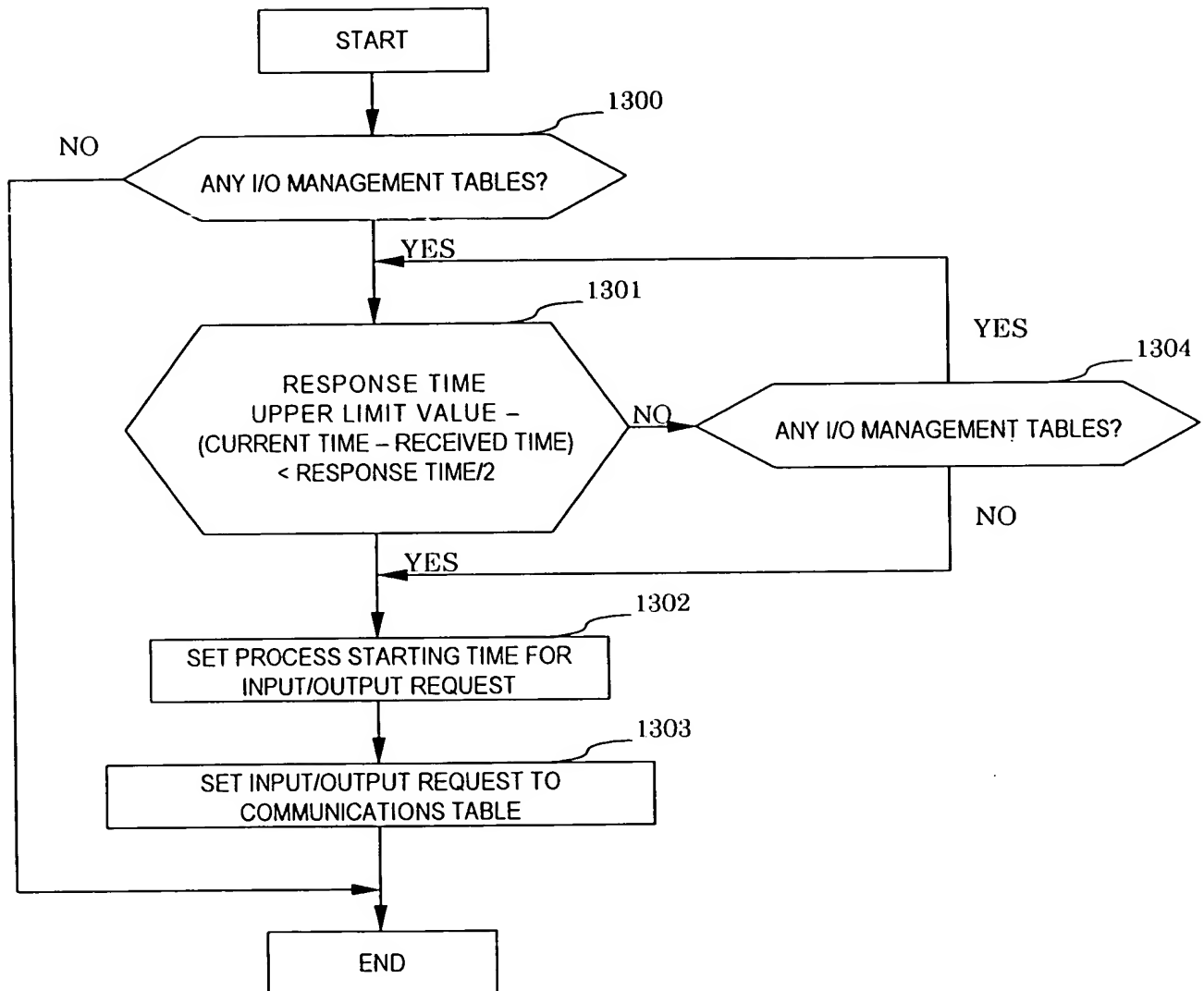
PROCESS UPON
READ-OUT REQUEST

FIG. 12

FIG. 13



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FIG. 14

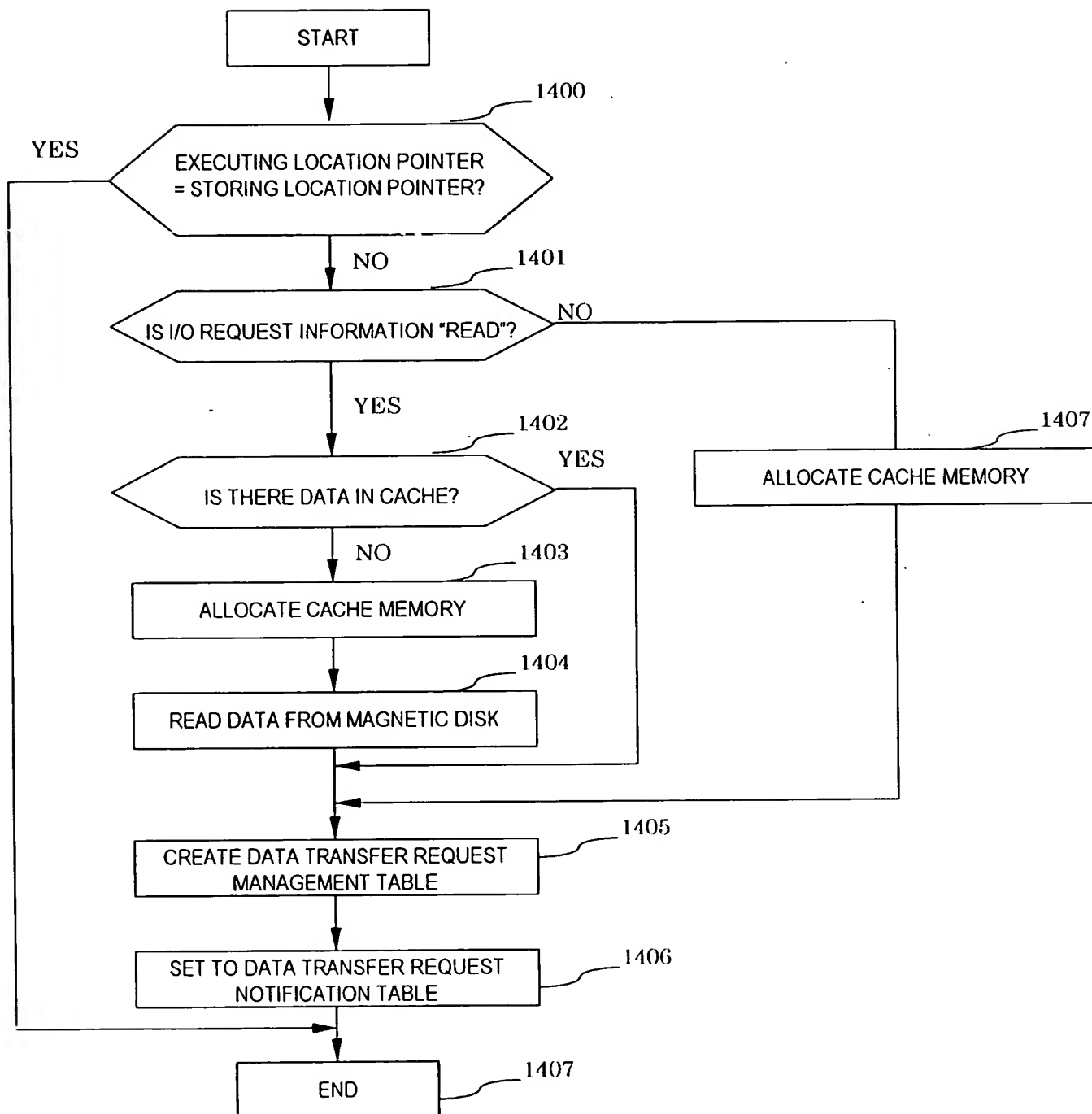
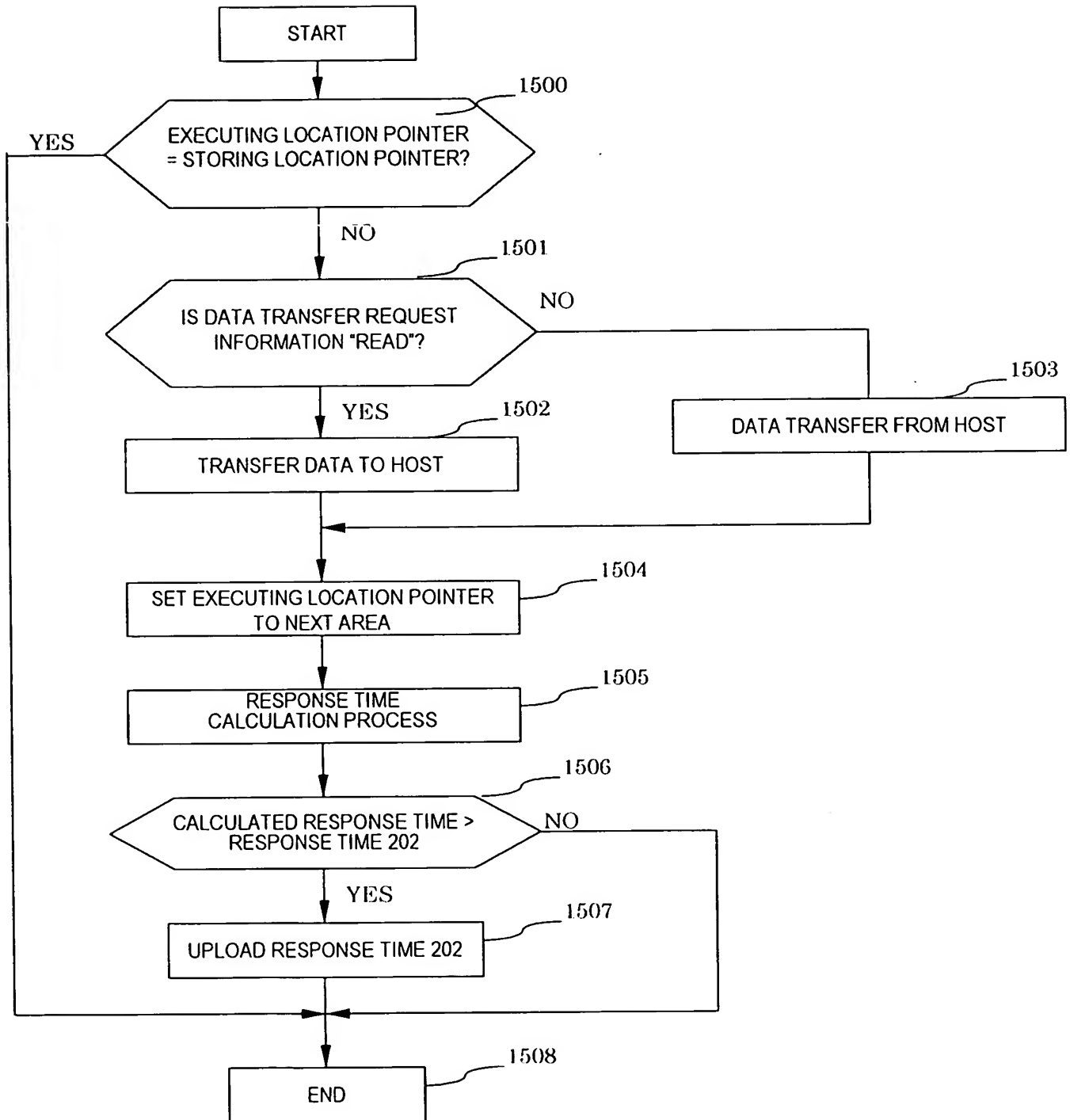


FIG. 15



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FIG. 16

